ABSTRACT OF THE DISCLOSURE

A Single Well Predictive Model (SWPM) software based computer system stores a

5   Single Well Predictive Model (SWPM) software therein. When the SWPM software is executed, the SWPM computer system will: (1) automatically produce a first specific workflow comprised of a first plurality of software modules in response to a first set of user objectives and automatically execute the first specific workflow in response to a first set of input data to produce a first desired product, and (2) automatically produce a

10   second specific workflow comprised of a second plurality of software modules in response to a second set of user objectives and automatically execute the second specific workflow in response to a second set of input data to produce a second desired product. There is no longer any need to separately and independently execute the first plurality of software modules of the first workflow in order to produce the first desired product, and

15   there is no longer any need to separately and independently execute the second plurality of software modules of the second workflow in order to produce the second desired product. A considerable amount of time and labor is saved.